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Survey of World Fisheries
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METRIC SYSTEM

This Fisheries Bulletin, an FAO publication, uses the metric system of units to measure quantities in terms of weight, volume, capacity, length, and area. "Tons" and "quintals", when not specified by a descriptive adjective, therefore mean "metric tons" (1,000 kilograms) and "metric quintals" (100 kilograms), respectively.

In the case of monetary values, the currency units are defined by the adjective but unless otherwise specified the term "dollars" refers to U.S.A. dollars.

CONVERSION FACTORS

(a) General: Non-metric units to metric units:

Converted from	To:	Multiplier
Pounds	Metric tons	0.0004536
Hundredweight (112 pounds)	" "	0.0508
Hundredweight (100 pounds)	" "	0.04536
Quintal (112 pounds)	" "	0.0508
Short ton (2,000 pounds)	" "	0.9072
Long ton (2,240 pounds)	" "	1.0161
U.S.gallons	Liters	3.7853
Imperial gallons	"	4.546

(b) Fisheries Products: Capacity and numbers to metric weight units:

Converted from:	To:	Multiplier
Hectoliter (herring)	Metric tons	0.093

(c) Fisheries Products: "Yield" factors:

Converted from:	To:	Multiplier
Wet-salted cod and allied species	Dried basis	0.66

SYMBOLS USED IN TABLES

... Not available ϕ Negligible - Nil

Fisheries Bulletin

Volume I, Number 4 November 1948

PREFACE

The present issue of the Fisheries Bulletin contains mostly statistical material of the same kind as published in the three previous editions. Tables 41, 42, 44, 46 and 47 give export statistics up to the most recent month of 1948 for which information was available, and these statistics are compared with those of previous years. Tables 43, 45 and 48 contain the most recent figures that have been received on landings in Denmark, Iceland and part of the United Kingdom. Notes on Norway and Sweden on page 76 are also concerned with current fisheries. On pages 83-88 our Survey of World Fisheries is continued. Tables 49 and 50 contain detailed import and export statistics for Mexico and can be considered as a direct supplement to the FAO Fisheries Yearbook, 1947.

To meet the need for total landings in fisheries countries of the world, Table 40 (Preliminary Summary of Total Landings) is released at what may appear to be a premature stage. It contains the best figures at present available, but we hope to be able to check further on their accuracy and to make them more comparable with one another.

We shall continue to publish three editions of the Bulletin: English, French and Spanish. Textual matter will appear in all three languages; but the tables will appear identically in all three editions in the bilingual form adopted for the yearbook.

On page 40 of Fisheries Bulletin Vol 1 No 2 we noted that a conversion factor for barrels was not known, but might equal 1.5 hectoliters. We have been officially informed form Iceland that one barrel of salted herring equals 100 kilos, or just a little over one hectoliter.

TABLE 40

PRELIMINARY SUMMARY OF TOTAL LANDINGS*

In Thousands of Metric Tons, Reported Weight, Unless Otherwise Indicated**

Country	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
EUROPE:																		
England & Wales a/	821.1	763.4	718.8	714.1	710.6	749.6	824.2	888.6	810.4	601.8	196.1	141.7	174.5	174.3	188.3	319.9	663.2	1,138.6
Scotland b/	321.4	268.6	297.3	261.2	262.0	284.3	260.7	242.9	276.6	...	...	...	...	...	...	196.8	274.5	c/
Northern Ireland d/	2.8	3.1	2.8	3.2	2.3	3.3	3.3	3.9	3.8	3.5	3.6	4.5	4.6	6.2	7.0	...	...	c/
Ireland e/	14.8	14.9	9.7	10.0	7.6	11.4	10.3	12.0	10.9	12.5	...	...	...	...	19.7	23.1	19.7	18.3
France f/	291.0	307.2	309.2	317.1	333.3	294.1	319.1	357.9	...	187.0	183.0	148.7	143.5	92.9	87.3	...	244.5	306.6
Netherlands g/	243.4	258.7	210.1	195.0	219.3	196.8	232.7	262.9	226.1	171.2	...	95.6	86.2	70.8	...	...	197.2	247.3
Belgium	33.5	41.2	28.0	27.1	28.5	38.8	40.4	38.9	39.1	39.9	4.3	3.7	22.2	60.6	49.9	45.6	74.0	81.2
Sweden	87.4	88.2	87.0	102.3	100.5	106.8	112.0	121.0	124.2	133.1	90.1	113.3	125.4	143.8	129.4	152.6	183.9	163.4
Denmark	92.7	88.0	89.6	84.5	89.1	86.8	86.8	88.4	86.7	h/100.7	118.9	155.8	162.8	192.2	172.5	...	197.4	205.4
Faroe Islands	31.8	30.5	28.7	27.4	23.4	20.8	18.5	27.7	29.1	...	...	...	...	...	...	...	...	...
Finland	15.2	17.9	16.5	16.9	19.8	18.4	24.9	21.6	22.4	20.4	16.6	19.4	25.7	...	...	...	49.0	46.0
Norway	994.5	740.4	910.4	1,055.0	683.3	923.8	1,030.9	903.6	1,064.7	1,043.2	1,081.1	810.9	754.9	642.7	648.4	755.7	834.9	1,058.7
Iceland i/	256.4	232.1	212.7	240.6	232.8	195.4	199.6	281.6	250.3	262.5	362.6	264.8	379.7	431.1	511.9	330.5	368.2	477.2
Germany j/	368.0	388.0	371.0	409.0	419.0	491.0	603.0	675.0	722.0	...	...	...	...	...	...	...	...	...
Czechoslovakia	...	...	...	...	...	...	...	2.9	...	...	...	...	...	...	...	...	...	3.5
Austria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.1
Switzerland	...	...	...	...	...	...	...	...	2.0	...	...	...	...	...	3.0	2.5	...	...
Poland	k/3.1	7.4	9.1	13.7	16.5	17.1	23.3	14.1	12.5	...	...	...	...	...	...	2.6	22.2	39.2
Rumania	3.0	3.6	3.1	2.7	3.2	3.7	3.5	2.5	3.3	3.5	1.1	1.0	3.1	...	...	...	...	...
Yugoslavia	6.8	6.2	7.2	7.1	7.8	7.4	6.3	7.2	8.0	6.3	...	...	...	...	...	...	...	...
Bulgaria	4.0	1.8	3.1	2.1	1.4	2.1	2.3	3.0	3.6	3.6	5.1	...	...	...	...	...	...	...
Italy	...	...	...	...	...	...	...	160.0	...	...	...	...	...	...	...	...	160.2	132.5
Spain	285.9	309.4	319.8	322.4	387.8	...	...	...	299.1	369.9	439.6	430.8	444.4	445.0	477.8	...	594.2	567.9
Portugal l/ (Incl. Azores & Madeira)	185.3	202.2	174.7	154.8	216.5	222.9	203.4	189.7	218.3	200.7	195.4	192.3	201.1	254.1	251.0	...	285.6	...
Greece	11.9	12.1	11.9	11.6	10.4	9.9	9.5	13.8	17.4	...	...	...	...	...	...	...	...	...
Cyprus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.3	...
U.S.S.R.	1,283.0	1,441.0	1,335.0	1,303.0	1,547.0	1,550.0	...	...	1,560.0	...	...	...	...	...	...	...	...	...
Latvia	11.8	9.3	10.0	13.9	11.5	10.1	14.0	13.8	13.9	16.2	...	...	...	...	...	...	...	...
Lithuania	2.1	2.4	2.7	2.3	2.0	1.7	1.6	1.6	1.7	...	...	...	...	...	...	...	...	...
Estonia	16.9	12.4	26.4	16.5	17.4	16.2	18.0	18.0	15.4	18.5	...	...	...	...	...	...	...	...
AFRICA:																		
French Morocco	10.0	10.4	14.2	19.2	26.1	23.0	24.6	30.7	30.3	...	...	...	...	...	...	...	...	...
Spanish Morocco	...	...	...	...	...	3.0	2.2	3.7	3.8	3.8	4.3	...	...	...	...	...	...	...
Angola	...	...	...	...	10.7	22.9	23.6	21.3	26.2	28.9	30.1	46.9	43.3	55.9	...	...	...	...
Mozambique	...	...	...	...	2.0	1.6	1.7	2.0	2.0	1.8	1.6	1.4	1.7	2.0	...	...	...	...
Nyasaland	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Union of So. Africa	...	...	...	10.1	12.0	12.6	15.1	16.8	18.2	16.8	...	20.5	22.1	23.7	20.9	22.0	30.6	28.9
Egypt	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	42.0	...
ASIA:																		
Japan	m/4,440.0	m/4,795.0	m/5,096.0	m/6,195.0	m/6,151.0	m/5,862.0	m/6,341.0	m/6,453.0	m/5,637.0	n/3,560.0	o/3,497.5	p/3,936.8	p/3,556.2	p/3,307.7	q/1,899.3	r/1,908.4	s/2,164.2	s/2,472.1
Ceylon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	t/20.0
Malayan Union	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	41.8
Singapore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9.5
Philippine Republic	...	...	...	...	...	...	...	...	80.9	...	...	...	...	...	37.0	14.0	17.8	79.7
THE AMERICAS:																		
U.S.A. (Including Alaska) u/	1,484.8	1,205.4	1,181.9	1,311.5	1,786.0	1,876.2	2,190.3	1,969.7	1,927.2	2,013.2	1,841.0	2,084.2	1,749.0	1,792.8	1,984.3	2,075.4	1,995.8	1,966.0
Canada	502.1	435.6	370.6	366.5	423.4	432.8	503.3	495.7	487.9	484.9	555.1	548.5	557.6	572.0	549.2	624.0	617.1	553.3
Newfoundland and Labrador v/	63.7	58.3	56.4	60.7	60.6	61.9	64.3	57.2	73.9	62.3	77.0	52.1	58.8	65.7	69.7	99.0	377.3	278.1
Bermuda	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.3	0.4	...
Mexico	...	...	...	...	12.1	11.4	10.6	12.4	18.6	56.8	63.0	52.2	54.0	61.4	...	...	...	...
Trinidad & Tobago	...	...	...	...	...	...	...	...	...	...	2.7	...	...	...	...	...	...	...
Windward Islands	...	...	...	...	...	...	...	...	...	...	0.8	...	...	...	...	...	...	...
Barbados	...	...	...	...	...	...	...	...	...	...	0.8	...	...	...	...	...	...	...
Leeward Islands	...	...	...	...	...	...	...	...	...	...	0.5	...	...	...	...	...	...	...
Dominican Republic	...	...	...	...	...	...	...	...	...	...	0.8	...	...	...	...	...	...	...
Peru	...	...	...	...	...	...	...	...	...	...	...	...	0.7	...	...	...	...	...
Chile	...	16.6	23.2	27.2	25.9	28.8	34.9	36.7	30.6	36.5	38.3	37.4	32.2	40.5	...	...	64.6	...
Venezuela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	26.4	35.3	40.9
Uruguay	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3.5
Brazil	...	...	...	...	...	...	...	...	...	103.3	110.6	116.3	119.8	123.1	114.8	122.5	126.7	...
OCEANIA:																		
Australia w/	31.2	28.6	28.9	28.2	32.0	31.5	32.8	33.9	36.1	36.4	34.2	32.2	27.9	27.0	31.9	34.1	34.0	40.7
New Zealand x/	19.0	16.5	15.1	16.5	17.4	19.0	19.0	18.9	18.8	17.8	17.5	17.2	16.5	15.8	...	...	32.0	...

Source: FAO Yearbook of Fisheries Statistics, 1947 (Washington) to the extent possible; official Governmental publications; and, where no other information was available, the Statistical Yearbook of the League of Nations and other tentative sources.

* Does not include landings in foreign ports unless so indicated.

** As a general rule, data for 1946 and 1947 represent round weight, while data for other years are reported weight which may differ from round weight. Some of the data include fish oils, coral, sponges, and seaweed; but whales, seals, aquatic birds, etc., are excluded in all cases.

a/ Including the Isle of Man for 1930-1946; the Isle of Man, Scotland, and Northern Ireland for 1947. Data for 1930-1946 excludes crabs, lobsters, oysters, and crawfish.

b/ Excluding crabs, lobsters, and oysters.

c/ Included with England.

d/ Excluding crabs, scallops, lobsters and oysters.

e/ Excluding crabs, crayfish, scallops, lobsters and oysters for 1930-1946.

f/ Including landings in Algeria. Data for 1930-1937 exclude oysters, mussels, scallops, queens, other molluscs, sea urchins, "Microcosmus vulgaris", sea wrack, sand shells, and cod oil; data for 1939-1944 exclude molluscs and represent landings from boats only; data for 1946 and 1947 exclude crustaceans and molluscs.

g/ Including landings by foreign vessels for the years 1936 through 1939. Landings for other years may include those by foreign vessels.

h/ 5 million kilograms of fish landed directly in foreign ports.

i/ Excluding quantities of small saithe, liver, salmon, trout, and lumpsuckers for 1930-1941. Figures for 1942-1944 are round weight.

j/ Including landings in foreign ports.

k/ Coastal fisheries only.

l/ 1930-1933 excluding fish originally reported in numbers; 1934-1944 stated as including adjacent islands.

m/ These figures summarize the fisheries production of Japan and its former colonies. Fish, crustaceans, molluscs, and seaweed are all included. Data represent a total of coastal and inland fisheries (both fishing and aquiculture), offshore fishing, overseas fishing, and colonial fishing.

n/ Data are a total of reported results of trawling, aquiculture, fishing in foreign waters, home waters and coastal waters. These data may be incomplete.

o/ Fiscal year 1 February - 31 January. Total of trawling, aquiculture, home waters and coastal waters. These data may be incomplete.

p/ Fiscal year 1 February - 31 January. Total of trawling, aquiculture and coast l waters. These data may be incomplete.

q/ Fiscal year 1 February - 31 January. Total includes aquiculture and coastal waters. These data may be incomplete.

r/ Data for 1945 represents fiscal year 1 February - 31 January. Total includes aquiculture, home waters and coastal waters. These data may be incomplete.

s/ Excluding seaweed.

t/ Estimated.

u/ Landings in the United States of America (including Alaska) are converted to round weight, i.e., the weight of the fish as it comes out of the water, with the exception of molluscs (oysters, clams, mussels, etc.) which are reported in shucked or edible weight.

v/ Data for 1930-1935 are exports of dried codfish only; data for 1936-1945 represent total exports of fish and fishery products excluding oil, seal and whale products.

w/ Data are for fiscal-year periods and exclude crabs and crayfish for the years 1930-1944.

x/ Data are for fiscal-year periods 1 April - 31 March. Excludes oysters and mussels for all years and canned toheroa for 1933-1934.

CURRENT FISHERIES

Norway, 1948

The main results of Norway's winter herring and cod fisheries were given in a previous Bulletin (Vol.1 No.1). Some information on her main summer and fall fisheries is now available.

Norwegian herring fisheries of Iceland were somewhat poorer than last year, when related to the amount of effort, but the difference was not as large as for Iceland herself (Iceland's summer herring fisheries could almost be described as a failure - see Vol.1 No.2). In 1948, 255 Norwegian fishing vessels and 3 cargo vessels made 276 trips to the grounds off Iceland and brought home 206,800 barrels of Icelandic herring, compared with 191,300 barrels from 221 trips in 1947.

Total results of the brisling (sprat) fisheries up to 18 September, 1948, were 78,500 hectoliters (about 7,000 tons), compared with 89,000 hectoliters (about 8,000 tons) at the same time last year.

Total landings of summer herring in Norway up to the end of September amounted to 186,000 hectoliters of fat herring and 587,000 hectoliters of small herring. Norwegian vessels fishing for herring with otter trawl in the North Sea had landed, by 1 October, about 58,000 hectoliters of herring.

Total production of wet salted cod and related species from distant waters from 1 October 1948 was 6,500 tons. Of this, 4,800 tons was salted cod produced by the otter trwlers. From the Bear Island grounds are recorded about 1,400 tons. which is less than had been expected.

Source: Fiskets Gang (as far as No.43), October 1948, Bergen.

SWEDEN

Last summer (1948) 59 Swedish fishing vessels prosecuted herring fisheries off Iceland. This is more than any earlier year. Total landings of 38,500 barrels are recorded, but total production may approach 47,000. In 1947, 46 vessels produced 31,000 barrels of Icelandic herring.

Source: Fiskets Gang, 14 October, 1948, Bergen.

Table 41. - Canada: Exports of Principal Fisheries Products, January-July 1948 and 1947, and Calendar Years 1938, 1946, and 1947
(Metric Tons, Exported Weight, Unless Otherwise Indicated)

Tableau 41. - Canada: Exportations des principaux produits des pêches, janvier à juillet 1948 et 1947, et années civiles 1938, 1946, et 1947
(Tonnes métriques, poids au débarquement, sauf indication contraire)

Item	1938	1946	1947	January-July janvier-juillet 1947	January-July janvier-juillet 1948	Article
Fish, fresh and frozen: Total	49,871	94,604	86,849	31,405	44,281	Total: Poisson frais ou congelé
Sea herring	6,928	41,863	33,953	5,550	10,594	Harengs de mer
Other fish	42,943	52,741	52,896	25,855	33,687	Autres poissons
Fish, dried, salted, or smoked	42,373	38,828	34,957	15,256	17,218	Poissons secs, salés ou fumés
Fish, canned: Total	28,403	39,531	39,891	21,984	11,332	Total: Conserves de poissons
Sea herring	1,467	15,409	27,017	12,250	4,245	Harengs de mer
Other fish	26,936	24,122	12,874	9,734	7,087	Autres poissons
Crustaceans and molluscs	9,008	9,547	7,690	5,964	6,919	Crustacés et mollusques
Fish oil	14,165	...	...	...	...	Huiles de poisson
Whale oil	1,937	...	...	...	...	Huile de baleine
Seal skins, undressed - Number	18,746	...	...	...	...	Peaux de phoque, brutes - unités
Other fisheries products	21,970	...	...	...	...	Autres produits des pêches
Unclassified a/	-	55,957	46,980	32,293	42,991	Non classifiés a/

Source: See FAO Yearbook of Fisheries Statistics, 1947, Table 23, pages 24-27, for years 1930-1944; Fisheries Statistics of Canada, Ottawa; 1946 and 1947: Monthly Review of Canadian Fisheries Statistics, Ottawa (January 1948); January-July 1947 and 1948: Monthly Review of Canadian Fisheries Statistics, Ottawa (August 1948).

a/ This group may contain commodities which in the final report will appear under the above-mentioned subheads.

a/ Ce groupe peut comprendre des produits qui, dans le rapport définitif, seront portés sous les sous-titres indiqués plus haut.

Table 42. - Denmark: Exports of Principal Fisheries Products, January-July 1948 and 1947, and Calendar Years 1938, 1946, and 1947
(Metric Tons, Exported Weight)

Tableau 42. - Danemark: Exportations des principaux produits des pêches, janvier-juillet 1948 et 1947, et années civiles 1938, 1946 et 1947
(Tonnes métriques, poids au débarquement)

Item	1938	1946	1947	January-July janvier-juillet 1947	January-July janvier-juillet 1948	Article
Fish, fresh Total	49,945	82,295	81,797	43,889	46,628	Total: Poissons frais
Cod and haddock	8,822	27,339	25,160	17,565	16,045	Morues et aiglefins
Herring	11,209	1,256	4,988	4,075	3,216	Harengs
Plaice and similar fish	22,764	49,022	39,786	16,765	20,557	Plies et autres poissons plats
Other	7,150	4,678	11,863	5,484	6,810	Autres poissons
Fish, salted, dried, or smoked: Total:	...	...	15,413	9,967	12,538	fumés Total: Poissons salés, secs ou
Herring, salted	...	...	5,262	4,532	5,128	Harengs, salés
Klipfish and similar products	2,125	4,825	9,500	5,113	6,764	Klipfisch et produits similaires
Other	a/2,420	a/7,851	651	322	646	Autres
Fish, canned: Total	391	251	1,489	558	1,429	Total: Poissons en conserve
Sardines	...	...	2	2	-	Sardines
Other	...	...	1,487	556	1,429	Autres
Crustaceans and molluscs	b/	b/	38	27	244	Crustacés et mollusques
Fish meal	...	...	50	50	-	Farine de poisson
Marine oils: Total	...	...	669	77	694	Total: Graisses et huiles de poisson
Fish oil	1,830	513	360	40	314	Huiles de poisson
Medicinal and edible oil	...	...	31	21	116	Huile médicinale et comestible
Whale oil	...	...	270	8	264	Huile de baleine
Seal oil	...	...	8	8	-	Huile de phoque
Other fisheries products	...	...	10,168	5,392	5,071	Autres produits des pêches

Source: See FAO Yearbook of Fisheries Statistics, 1947, Table 40, pages 43 and 44, for years 1930-1936: Vareindforsel og Udforsel, Copenhagen, and Table 41, page 44, for years 1937-1946: Vareomsaetningen med Udlandet, Copenhagen; 1947 and January-July 1947 and 1948: Vareomsaetningen med Udlandet, Copenhagen.

a/ Includes other fish, crustaceans, and molluscs.
b/ Included with "Other fish, salted, dried, or smoked".

a/ Comprend autres poissons, crustacés et mollusques.
b/ Compris avec, "autres poissons salés, secs ou fumés".

ble 43. - Landings by Danish Fishing Craft
(Metric Tons, Round Fresh Weight)

Tableau 43. - Mises à terre débarquées par bâtiments de pêche danois
(Tonnes métriques, poids brut de poissons frais)

Species	Calendar Year Année-civile			January-September* Janvier-septembre*		Espèces
	1938	1946	1947	1947	1948	
In Denmark.....GRAND TOTAL	89,843	197,400	205,400	129,463	148,929	A. TOTAL GENERAL...Débarqué, au Danemark
Cod and allied species: Total	24,058	68,000	55,000	...	...	Total: Morue et espèces voisines
Cod	19,299	...	...	28,810	35,956	Morue
Herring and allied species: Total	14,525	27,500	32,000	24,114	23,749	Total: Harengs et espèces voisines
Herring	14,525	...	...	20,577	21,308	Harengs
Sprats	-	...	...	3,537	2,441	Esprots
Tunas	-	630	300	...	...	Thon
Mackerels	5,973	7,200	11,000	10,167	9,625	Maquereaux
Flatfishes: Total	30,419	66,700	61,000	...	...	Total: Poissons plats
Dab	3,520	...	...	2,120	2,073	Limande
Flounder	3,406	...	...	2,326	3,364	Flet
Plaice	21,616	...	...	20,459	22,282	Plie
Salmon, trout and similar species: Total	123	1,400	1,700	...	...	Total: Saumon, truite et espèces voisines
Pond trout	64	900	1,000	732	916	Truite d'élevage
Molluscs and crustaceans: Total	591	2,900	3,000	1,812	2,401	Total: Mollusques et crustacés
Mussels, with shells	-	...	...	387	963	Moules, en coquille
Crustaceans	591	...	...	1,425	1,438	Crustacés
Sharks	-	1,800	4,000	...	...	Requins
Other species: Total	14,154	21,270	37,400	a/28,923	a/48,563	Total: Autres espèces
Eel	3,645	...	...	1,966	2,004	Anguille
Garfish	2,099	...	...	1,174	1,841	Orphie
Other fresh-water fish	b/	270	400	659	830	Autres poissons d'eau douce
Other salt-water fish	b/c/8,410	21,000	37,000	a/10,888	a/12,504	Autres poissons de mer
Fish for reduction purposes	...	...	...	14,236	31,384	Poissons destinés à être transformés
Direct in British Harbors d/: Total	5,431	...	...	13,219	14,330	B. Total: Débarqués dans les ports britanniques d/
Cod	82	...	...	1,472	963	Morue
Dab	690	...	...	668	-	Limande
Haddock	810	...	...	-	-	Aiglefin
Plaice	3,062	...	...	10,519	11,409	Plie
Other salt-water fish	787	...	...	560	1,958	Autres poissons de mer

urce: See FAO Yearbook of Fisheries Statistics, 1947, Table 146, pages 190 and 191, for years 1930-1944: Fiskeri-Beretning, Copenhagen; 1946 and 1947: FAO questionnaires, Preliminary Report on Landings and Utilization; January-September 1947 and 1948: Oversigt over Fiskeriet (monthly) from Ministry of Fisheries, Copenhagen.

Source: Voir l'Annuaire statistique des pêches, 1947, publié par la FAO, tableau 146, pages 190 et 191, pour les années 1930-1944: Fiskeri-Beretning, Copenhague; 1946 et 1947: questionnaire FAO, Rapport preliminaire sur les Prises et Utilisations; janvier-septembre 1947 et 1948: Oversight over Fiskeriet (mensuel) Ministère des pêches, Copenhague.

In addition to the grand total for Danish landings in Denmark, foreign fishermen landed 2,588 tons in January-September 1947 and 6,592 tons in 1948. About 72 and 75 percent, respectively, were herring and similar species.

* En plus du chiffre total des mises à terre danoises dans les ports danois, les pêcheurs étrangers ont débarqué 2,588 tonnes de janvier à septembre 1947 et 6.592 tonnes en 1948. Environ 72 pour cent (1947) et 75 pour cent (1948) comprenaient des harengs et espèces voisines.

/ May include species related to cod as well as tuna, flatfish ther than those listed), salmon and sharks.
/ "Other fresh-water fish" may be included with "other salt-water sh".
/ Includes deep-sea lobsters.
/ Data for 1948 are for January-August.

a/ Peut comprendre espèces voisines de la morue ainsi que du poissons plats (a part ceux qui sont déjà indiqués) saumon et requins.
b/ "Autres poissons d'eau douce" peuvent être inclus avec "autres poissons de mer".
c/ Comprend homards de grand fond.
d/ Données pour 1948 se rapportent à la période janvier-août.

Table 44. - Iceland: Exports of Principal Fisheries Products, January-September 1948 and 1947, and Calendar Years 1938, 1946, and 1947

Tableau 44. - Islande: Exportations des principaux produits des pêches, janvier-sept. 1948 et 1947, et années civiles 1938, 1946 et 1947

Item	1938	1946 a/	1947	January-September janvier-septembre 1947	1948	Article
	Metric Tons - Exported Weight / tonnes métriques - poids au débarquement					
Fish, fresh or frozen: Total	17,430	96,710	87,617	56,730	114,872	Poissons frais ou congelés: Total
Herrings, fresh or frozen	82	b/48	c/867	c/392	c/3,580	Harengs frais ou congelés
Other fish, iced or frozen	17,135	96,662	86,750	56,338	111,185	Autres poissons dans la glace ou congelés
Fish roe:						Rogue de poisson:
Refrigerated	174	d/	d/	-	-	Réfrigérée
Frozen	39	d/	d/	-	107	Congelée
Fish, dried, salted, etc.: Total	80,248	28,769	34,076	19,895	16,055	Poissons secs, salés, etc.: Total
Herrings, salted	e/32,887	15,866	5,663	2,538	3,531	Harengs salés
Other fish, salted, not dried	22,724	f/11,196	g/26,623	h/15,921	i/10,178	Autres poissons salés, non secs
Fish, dried salted (klipfish)	21,593	16	30	300	1,289	Poissons secs, salés (klipfisch)
Fish, dried (stockfish)	470	108	ó	ó	ó	Poissons secs (stockfish)
Roe, salted	2,574	1,583	1,760	1,136	1,057	Rogue salée
Fish, canned	15	514	340	134	933	Poissons en conserve
Shrimp, canned	62	...	...	...	...	Crevettes en conserve
Fish meal: Total	22,294	16,364	16,622	12,990	35,650	Farine de poisson: Total
Herring meal	17,900	10,195	11,155	8,726	32,286	Farine de hareng
Other fish meal	4,394	6,169	5,467	4,264	3,364	Farine d'autres poissons
Marine oils: Total	28,763	25,292	25,934	20,164	30,458	Huiles de poisson: Total
Herring oil	22,827	17,534	20,527	16,401	24,177	Huile de hareng
Redfish body oil	378	18	—	k/	k/	Graisse de chair de sébasté
Other fish oil	4,715	7,737	5,407	3,763	6,281	Huiles d'autres poissons
Whale oil	843	3	—	...	...	Huile de baleine
Whale products	897	...	...	...	...	Produits extraits de la baleine
Other fisheries products	l/536	m/67	...	...	...	Autres produits des pêches

Source: See FAO Yearbook of Fisheries Statistics, 1947, Table 60, pages 69-73, for years 1930-1944: Verzlunarskyrslur, Reykjavik; 1946 and 1947: Aegir, Reykjavik (February 1948); and January- Sept. 1947 and 1948: Special reports from Fiskifélag Islands, Reykjavik.

a/ Figures published in FAO Fisheries Bulletin No. 2 (trial run) have been revised.
b/ Frozen.
c/ Iced and frozen.
d/ May be included with "Other fish, iced or frozen."
e/ Including smoked herring.
f/ Including 288 tons of fish, salted in barrels.
g/ Including 23 tons of salted fish fillets.
h/ Including one ton of salted fish fillets.
i/ Comprising 7,500 tons of wet salted fish, 168 tons of specially cured wet salted fish, 394 tons of fish, salted in barrels, and 741 tons of salted fish fillets.
j/ Salted cod roe, only.
k/ May be included with "Other fish oil."
l/ Comprising dried fish bones, fish livers, dried and salted fish maw, and dried fish waste.
m/ Salted fish skins.

Source: Voir l'Annuaire statistique des pêches, 1947, publié par la FAO, tableau 60, pages 69-73 pour les années 1930-1944; Verzlunarskyrslur, Reykjavik. 1946 et 1947; Aegir, Reykjavik (fevrier, 1948); et janvier-sept.1947 et 1948 rapports inédi Fiskifélag Islands, Reykjavik.

a/ Les Chiffres publiés dans le Bulletin des pêches, no.2 (numéro d'e ont été revisés.
b/ Congelés.
c/ Dans la glace ou congelés.
d/ Peut être compris avec "autres poissons dans la glace ou congelés.
e/ Y compris hareng fumé.
f/ Y compris 288 tonnes de poissons salés en barils.
g/ Y compris 23 tonnes de filets de poissons salés.
h/ Y compris une tonne de filets de poissons salés.
i/ Comprend 7500 tonnes de poissons salés verts, 168 tonnes de poisso salés verts ayant subis un traitement spécial, 394 tonnes de poisso salés en barils, et 741 tonnes de filets de poissons salés.
j/ Rogue de morue salée seulement.
k/ Peut être compris avec "huiles d'autres poissons."
l/ Comprend os de poissons séchés, foies de poissons, peaux de poisson salées et séchées, et déchets de poissons secs.
m/ Peaux de poissons salées.

45. - Landings in Iceland

Tableau 45. - Mises à terre en Islande

Species	Calendar year Année civile			January-September Janvier-septembre			Espèces
	1938	1946	1947	1946	1947	1948	
	Metric tons, eviscerated, heads on a/ — Tonnes métriques, vidés, têtes non enlevées a/						
	76,239	154,750	151,368	144,920	140,871	128,660	Morue
	256	502	453	480	426	370	Brosme
ɔk	2,380	9,038	12,992	8,110	10,798	12,485	Aiglefin
	892	1,518	4,586	1,372	4,009	3,818	Lingue
ɔk	-	171	12	171	12	199	Lieu
)	9,464	16,090	26,124	10,423	10,563	34,038	Lieu noir, colin
ıg	155,876	131,722	216,948	131,183	134,491	147,815	Hareng
)	1,606	2,559	3,333	1,768	2,381	3,179	Plie
	85	172	83	163	68	82	Raie
sole	-	577	807	572	756	876	Sole limande
ıh	921	4,181	5,423	3,968	4,952	9,362	Loup de mer
ıh	b/459	4,261	8,227	2,878	4,491	13,786	Sébaste
ıt	...	736	808	506	501	1,112	Flétan
ıs	...	2	6	2	3	10	Cardine
Total	248,178	326,279	431,170	306,516	314,322	355,792	Total
ıation:							Utilisation:
ɔrted iced:							Exportés dans la glace:
ı fishing vessels	...	53,727	72,346	49,380	44,353	105,779	Sur des bâtiments de pêche
ı cargo vessels	...	36,954	2,332	33,975	1,294	7,132	Sur des cargos
ıen	...	73,113	71,147	66,825	66,963	70,190	Congelés
ɔed	...	47,440	75,105	42,425	73,801	39,611	Salés
ıed	...	1,055	318	1,021	303	376	En conserve
ıh domestic consumption	...	2,472	2,513	1,711	1,914	2,279	Frais, pour le marché intérieur
oil and meal	...	105,507	200,603	105,436	123,350	128,903	Pour transformation en huile et farine
ır use	...	6,011	6,806	5,743	2,344	1,522	Autres utilisations

ɔ: See FAO Yearbook of Fisheries Statistics, 1947, Table 149, pages 196 and 197, for years 1930-1941: Fiskiskyrslur og Hlunninda, Reykjavik; 1946 and 1947: Aegir, Reykjavik (February 1948); January- Sept. 1946-1948: Special reports from Fiskifelag Islands, Reykjavik.

Source: Voir l'Annuaire statistique des pêches, 1947, publié par la FAO, tableau 149, pages 196 et 197, pour les années 1930-1941: Fiskiskyrslur og Hlunninda, Reykjavik; 1946 et 1947: Aegir, Reykjavik (février 1948); janvier-sept.1946-1948: rapports inédits du Fiskifelag Islands, Reykjavik.

rcept for herring which is measured in round fresh weight.
)39.
ɔme of the less important species are not included in this . This total is therefore somewhat smaller than the total in Iceland's complete statistics for this year.

a/ Sauf pour harengs qui sont indiqués en poids bruts de poisson frais.
b/ 1939.
c/ Quelques-unes des espèces moins importantes ne sont pas comprises dans ce tableau, ce qui explique pourquoi ce total est inférieur au total indiqué dans les statistiques complètes islandaises pour cette année.

Table 46. - Norway: Exports of Principal Fisheries Products, January-July 1948 and 1947, and Calendar Years 1938, 1946, and 1947

Tableau 46. - Norvège: Exportations des principaux produits des pêches, janvier à juillet 1948 et 1947 et années civiles 1938, 1946 et 1947

Item	1938	1946	1947	January-July Janvier-juillet 1947	1948	Article
	Metric Tons, Exported Weight Tonnes métriques, poids à l'embarquement					
Fish, fresh or frozen: Total	a/119,885	a/80,764	a/136,001	a/120,857	166,618	Total: Poissons frais ou congelés
Herrings, fresh or frozen	a/96,116	a/55,827	a/85,389	a/83,985	b/130,609	Harengs frais ou congelés
Other fish, fresh or frozen	a/23,769	a/24,937	a/50,612	a/36,872	c/36,009	Autres poissons frais ou congelés
Fish, dried, salted, etc.: Total	113,702	181,082	166,899	91,223	110,600	Total: Poissons secs, salés, etc.
Herrings, salted	34,630	101,384	92,873	d/59,184	e/79,062	Harengs salés
Dried salted fish (klipfish)	41,438	27,268	45,335	20,366	21,168	Poissons secs, salés (klipfisch)
Stockfish	26,002	12,602	13,503	3,088	4,828	Stockfisch
Other fish, wet salted	5,887	35,133	10,011	6,798	2,162	Autres poissons, salés non séchés (verts)
Roe, salted	5,745	4,695	5,177	f/1,787	f/3,380	Rogue salée
Fish, canned	26,359	26,037	33,809	22,030	22,928	Poissons en conserve
Fish meal: Total	79,297	9,472	7,145	3,498	540	Total: Farine de poisson
Herring meal	67,088	4,433	1,000	1,000	-	Farine de hareng
Other fish meal	12,209	5,039	6,145	2,498	540	Farine d'autres poissons
Herring oil	7,472	1,348	3,013	1,615	1,403	Huile de hareng
Codliver oil, medicinal	8,350	13,235	9,549	5,877	3,203	Huile médicinale de foie de morue

Source: See FAO Yearbook of Fisheries Statistics, 1947, Table 94, pages 110-116, for years 1930-1946, and Table 95, pages 117 and 118 (Reexports) for years 1930-1938; Norges Handel, Oslo; 1946: Fiskets Gang, Bergen; 1947 and January-July 1947 and 1948: Maanedsoppgaver over Vareomsetningen med Utlandet, Oslo.

Source: Voir l'Annuaire statistique des pêches, 1947, publié par la FAO, tableau 94, pages 110 a 116, pour les années 1930-1946, et le tableau 95, page 117 (Reexportations) pour les années 1930-1938; Norges Handel, Oslo, 1946: Fiskets Gang, Bergen, 1947 et janvier à juillet 1947 et 1948; Maanedssoppgaver over Vareomsetningen met Utlandet, Oslo.

a/ Fresh.
b/ Comprising 108,293 tons of fresh and iced herring and 22,316 tons of frozen herring.
c/ Comprising 26,555 tons of fresh and iced fish, 6,177 tons of frozen fish fillets, and 3,277 tons of frozen round fish.
d/ Including 103 tons of seasoned and spiced herring and 1,162 tons of smoked herring.
e/ Including 45 tons of seasoned and spiced herring, one ton of seasoned and spiced sprats, and 883 tons of smoked herring.
f/ Salted cod roe, only.

a/ Frais.
b/ Comprend 108,293 tonnes de hareng frais et dans la glace et 22,316 tonnes de hareng congelé.
c/ Comprend 26,555 tonnes de poisson frais et dans la glace 6,177 tonnes de filets de poissons congelés, et 3,277 tonnes de poissons congelés bruts.
d/ Comprend 103 tonnes de harengs épicés, et 3,162 tonnes de harengs fumés.
e/ Comprend 45 tonnes de harengs épicés, une tonne de sprats épicés, et 883 tonnes de harengs fumés.
f/ Rogue de morue salée, seulement.

Table 47. - Newfoundland: Exports of Principal Fisheries Products, January-August 1948 and 1947, and Calendar Years 1938, 1946, and 1947 (Metric Tons, Exported Weight, Unless Otherwise Indicated)

Tableau 47. - Terre-Neuve: Exportations des principaux produits des pêches. janvier-août 1948 et 1947, et années civiles 1938, 1946 et 1947 (Tonnes métriques, poids au débarquement, sauf indication contraire)

Item	1938	1946	1947	January-August Janvier-août 1947	January-August Janvier-août 1948	Article
Fish, fresh or frozen: Total	5,128	17,323	9,135	5,409	9,841	Total: Poissons, frais ou congelés
Sea herring	1,898	250	317	174	671	Harengs de mer
Other fish	3,230	17,073	8,818	5,235	9,170	Autres poissons
Fish, fresh: a/ Total	...	3,537	2,885	2,731	2,402	Total: Poissons frais a/
Sea herring	...	248	284	148	671	Harengs de mer
Other fish	...	3,289	2,601	2,583	1,731	Autres poissons
Fish, frozen: Total	...	13,786	6,250	2,678	7,439	Total: Poissons congelés
Sea herring	...	3	33	26	-	Harengs de mer
Other fish	...	13,783	6,217	2,652	7,439	Autres poissons
Fish, dried, salted, or smoked	67,599	85,409	63,242	36,326	53,189	Poissons, secs, salés, ou fumés
Fish, canned: Total	21	402	401	124	116	Total: Poissons en boîte
Sea herring	-	54	45	11	83	Harengs de mer
Other fish	21	348	356	113	33	Autres poissons
Crustaceans and molluscs	754	1,282	1,533	1,488	1,639	Crustacés et mollusques
Fish oils	3,950	3,880	4,097	1,378	1,696	Huiles de poisson
Fish meal	284	b/2,637	b/4,156	b/1,830	b/2,015	Farine de poisson
Aquatic mammal oils and fats:						Huiles et graisses de mammifères aquatiques
Whale oil	27	2,829	4,266	1,600	492	Huile de baleine
Seal oil	3,290	542	3,207	1,604	31	Huile de phoque
Other aquatic mammal products:						Autres produits de mammifères aquatiques
Seal skins (Thousands)	157	63	126	106	113	Peaux de phoques (en milliers)
Miscellaneous aquatic products	1,055	486	735	337	1,590	Autres produits aquatiques

Sources: Communications from the Newfoundland Fisheries Board, St. Johns, supplemented with FAO Yearbook of Fisheries Statistics, 1947, (Table 91, pages 100-107) which is based on printed reports from the Board.

Sources: Rapports spéciaux du Newfoundland Fisheries Board, St. Johns, et Annuaire statistique des pêches, 1947, publié par la FAO, (Tableau 91, pages 100-107) qui se fonde sur des rapports publiés par le Board.

a/ Chilled.
b/ Includes whale meal and guano.

a/ En glacière.
b/ Comprend farine de baleine et guano.

Table 48. - United Kingdom: Landings in England and Wales by British Fishermen (In Metric Tons a/)

Tableau 48. - Royaume-Uni: Marée fraîche debarqué par des marins britanniques (En tonnes métriques a/)

Item	1938	1945	1946	1947 b/	January-September janvier-septembre 1947 b/	January-September janvier-septembre 1948 b/	Article
TOTAL c/	810,433	319,914	663,243	724,166	492,614	515,364	TOTAL c/
Cod and allied species	492,327	163,369	409,784	442,377	342,029	353,869	Morue et espèces voisines
Herring and allied species	139,407	43,172	95,126	112,431	25,993	30,751	Harengs et espèces voisines
Mackerel	7,003	665	789	1,190	970	2,688	Maquereau
Flatfishes	63,978	63,563	80,480	77,587	60,167	53,283	Poissons plats
Molluscs, crustaceans, etc. c/	21,373	15,142	20,229	18,336	12,573	12,946	Mollusques, crustacés, etc. c/
Sharks	8,340	4,090	5,633	6,990	3,425	5,179	Requins
Other species	43,474	21,856	27,891	39,723	28,222	35,022	Autres espèces
Miscellaneous d/	34,531	8,057	23,311	25,532	19,235	21,626	Produits divers

Sources: See FAO Yearbook of Fisheries Statistics, 1947, Table 166, pages 230-233, for years 1938, 1945 and 1946. For 1947 data are converted from material contained in: Ministry of Agriculture and Fisheries, Sea Fisheries Statistical Tables, London; Ministry of Agriculture and Fisheries, Monthly Return of Sea Fisheries, England and Wales, London.

Sources: Voir l'Annuaire statistique des pêches, 1947, publié par la FAO, tableau 166, pages 230-233, pour les années 1938, 1945 et 1946. Pour 1947 chiffres convertis d'après les données du: Ministère de l'Agriculture et des Pêches, Sea Fisheries, Statistical Tables, Londres; Ministère de l'Agriculture et des Pêches, Monthly Return of Sea Fisheries, England and Wales, Londres.

a/ These statistics are not converted to round fresh weight; they are given as reported in the statistics concerned.
b/ Preliminary.
c/ Excluding quantities of crabs, lobsters, oysters, and crawfish.
d/ Fish roe and fish liver.

a/ Ces statistiques ne sont pas converties en poids brut de poisson frais; elles sont reproduites telles qu'elles apparaissent dans les sources.
b/ Chiffres préliminaires.
c/ Non comprises certaines quantités de crabes, homards, langoustes et huîtres.
d/ Rogue et foie de poisson.

SURVEYS OF WORLD FISHERIES

Aden Colony and Protectorate

Fishing is important but primitive. Fishing for the local market is carried on by a multitude of fishermen in dug-out canoes, or small boats holding one to five men. They fish by hand lines, floating nets or cast nets, or by seines from the shore (1).

The annual catch has been estimated at between 25,000 and 50,000 tons for local consumption and export. An extensive survey of the fishery resources is underway. Potentialities seem great (2).

This area has an abundant supply of fish. It is a staple diet of the coastal Arabs. Camels consume dried sardines in large quantities as fodder. Cattle in the area further east than Saihut are fed on fish, according to Worthington. The people of the Wadi Hadhramaut have to depend on the marine resources of the Aden Gulf.

During the winter, the sardines come inshore and are caught in large quantities by cast nets. Fresh or sun-dried, they are used as food for humand and animals. Attempts are being made to improve the extremely crude and primitive methods of oil extraction. Tunny, apparently living on the sardines, are caught from small craft and set-nets. In the summer the shark fishery is the most important activity in which hooks, harpoons and large mesh nets are used. Worthington states that the fishereis more to the east increase in production and that large fish resources are to be found in the neighborhood of the Island of Sokotra (3).

SOURCES: (1) Colonial Office, Annual Report on Aden and Aden Protectorate for the Year 1946, His Majesty's Stationery Office, London, 1948.

(2) United Nations: General Assembly, Information from Non-Self-Governing Territories, Summary and Analysis of Information Transmitted under Article 73 (e) of the charter, Report of the Sec. Gen., Summary of Information Transmitted by the Government of the United Kingdom. N.Y., July 30, 1948, 77 pp., A/566/Add. 1.
(3) E.B. Worthington: Middle East Science, A Report to the Director-General Middle East Supply Centre, August, 1945, His Majesty's Stationery Office, London, 1946.

Eritrea

The southern part of the Red Sea off the coasts of Eritrea and the Yemen is said to have better potentialities for an expanded fisheries than the northern part. Before the war, small Italian trawlers were based on the Masawa and they were responsible for a large part of about 1,000 metric tons that formed the annual supplies of the Eritrean markets. It is estimated be experts that about 1,000 metric tons could be produced in Eritrea; a similar amount can be obtained from the waters around Kamarin Island. The main problem is to find markets for these quantities of sundried and dehydrated products. The fish here are caught by lines, hooks and nets and the principal species, shark, sardines and tunn ies.

SOURCES: E.B. Worthington: Middle East Science, A Report to the Director-General, Middle East Supply Centre, August, 1945, His Majesty's Stationery Office, London, 1946.

British Somaliland Protectorate

British Somaliland has an area of 176,120 square kilometers and a population of about 700,000 and abuts on the South coast of the Aden Gulf. The Somalis have access to the same fishery resources as the Arabs on the Aden coast, but the great majority of the inhabitants are nomadic pasturalists. Although the natural resources are very meager they have not yet forcet the population to develop an interest in the utilization of the fisheries.

The fisheries are being developed and fish canning and curing are among the projects which are receiving attention from the Government.

SOURCES: United Nations: General Assembly, Information from Non-Self-Governing Territories, Summary and Analysis of Information Transmitted Under Article 73 (e) of the charter, Report of the Sec.-Gen., Summary of Information Transmitted by the Government of the United Kingdom. N.Y., July 30, 1948, 77 pp., A/566/
E.B. Worthington: Middle East Science, A Report to the Director General, Middle East Supply Centre, August, 1945, His Majesty's Stationery Office, Lon don, 1946.

French Somaliland

This small territory has an area of only 23,500 square kilometers and a population of about 49,000. The harbor is Djibouti.

Fishing is at present carried on by the native population using primitive methods.

SOURCE: United Nations: General Assembly Information from Non-Self-Governing Territories, Summary and Analysis of Information Transmitted Under Article 73 (e) of the carter, Report of the Sec.-Gen., (Item 23 (a) of the Provisional Agenda of the Third Regular Session), Summary of Information Transmitted by the French Government. N.Y., Aug. 3 1948,21 pp., No. A/568/Add. 1.

Zanzibar Protectorate

The United Kingdom's Protectorate consists of the two islands of Zanzibar and Pemba off the east coast of the African continent at 5° and 6° south, near the northern coast of the U.K. Trust Territory of Tanganyika.

Fish of exceptional quality and flavor are exceedingly plentiful, but the fisheries are not organized and depend for the main part on the catches made in fish traps and from the local "ngalawas/ or dug-out canoes with outriggers (1). Distribution to the inland areas is effected largely by bicycles. The fish is consumed locally and is not exported except, to a very limited extent, in the form of dried shark (2).

Fisheries are potentially the richest natural resource; they are comparatively undeveloped and plans are in hand to conduct a survey for development (3).

SOURCES: (1) Colonial Reports - Annual, No. 1892, Annual Report on the Social and Economic Progress of the People of Zanzibar Protectorate, 1938, London, H.M. Stationery Office, 1939.

(2) Colonial Office, Annual Report on Zanzibar for the Year 1946, His Majesty's Stationery Office, London, 1948.

(3) United Nations: General Assembly Information from Non-Self-Governing Territories, Summary and Analysis of Information Transmitted under Article 73 (e) of the charter, Report of the Sec.-Gen., Summary of Information Transmitted by the Government of the United Kingdom. N.Y., July 30, 1948, 77 pp., A/566.

Tanganyika

The Trust Territory of Tanganyika covers an area of 932,400 square kilometers and has a population of about 5.7 million. The fisheries of Tanganyika can be divided into two main groups:

(a) the marine fisheries or saltwater fish off the Tanganyika coastline, and (b) the freshwater fisheries in the lakes, (the Victoria Nyanza, Lakes Tanganyika and Nyasa, and Rukwa) and in the rivers of the southern and western parts of the Territory. The marine fisheries of the northern part of the coast are shared with the Protectorate of Zanzibar. The fisheries of the Victoria Nyanza are also exploited by the two United Kingdom dependencies of Uganda and Kenya; Lake Tanganyika's fisheries are shared with the Belgian Congo and Northern Rhodesia and those of Lake Nyasa with Nyasaland Protectorate and Portuguese Mozambique.

The lakes and large rivers are well supplied with fish and a sizable industry has been developed by the native population living along the coast and on the rivers and lakes. Fish is quite a popular article of diet with most of the native population. A part of the catch is preserved by smoking and this article is in demand in those parts of the country where fish orother protein foods are not produced locally. Dried fish produced from the landings from Lake Tanganyika and the rivers of the western province is exported to the Belgian Congo.

Table 122 of the FAO Yearbook of Fisheries Statistics, 1947, indicates that Tanganyika's exports of dried and salted fish increased from about 200 metric tons in 1930 to over 1,000 metric tons in 1939; a decline occurred in the quantities exported during the next five years but the value of the annual exports continued to increase to reach nearly 100,000 dollars in 1943. Smaller amounts of beche-de-mer (trepang) are also exported. Tanganyika imported before the outbreak of war between 400 and 700 metric tons of cured and salted fish annually; between 20 and 50 metric tons of canned fish were imported annually during 1930-1939; no notable change occurred in the imports during the war.

Steps are being taken for the development of the fishing industry. There seems no reason to doubt that the industry can be further developed with the existing sources of supply and if it is found that fish farming can be successfully established, and appreciable expansion of the industry should be possible. There is at present little activity in sea food, shell and other similar industries but the possibilities of development were recently examined by the Fisheries Adviser to the Secretary of State of the United Kingdom. Financial provision has been made for the appointement of Fishery Officers and subordinate staff for the control and development of the industry in Lakes Tanganyika, Nyasa and Rukwa, in the rivers of the southern and western parts of the Territory, and along the sea coast. In addition, an officer whose services will be shared by Tanganyika and Zanzibar is to be appointed for the development of fish farming. A start is to be made by the establishment of an experimental farm.

Four small fishery concessions have been granted on Lake Rukwa (1).

Details in respect to fishing vessels, quantity and value of fish and shell are not available. The fishing industry is at present largely in the hands of individual African fishermen and there is no

uniform method of licensing their small craft. The following table gives the number of licensed fishing vessels:

Dhows - over 10 tons.....2
Dhows - under 10 tons 8
Motor boats 1
Tonnage not specified 32

SOURCES: Report by His Majesty's Government in the United Kingdom of Great Britain and Northern Ireland to the Trusteeship Council of the United Nations on the Administration of Tanganyika for the Year 1947. His Majesty's Stationery Office, 1948, London. FAO: Yearbook of Fisheries Statistic, 1947, Washington, D.C., 1948.

Uganda

The Uganda Protectorate has a total area of 243,411 square kilometers of which 33,670 square kilometers are open water and 6,397 square kilometers are swamps. Its estimated population is

Uganda is an inland territory, so its domestic production consists entirely of freshwater fish from the lakes, rivers and swamps. It shares the large Lake Victoria Nyanza with the Tanganyika Trust Territory and Kenya Colony. Lake Edward and Lake Albert are shared by Uganda with the Belgian Congo; Lake George and Lake Kyoga are completely within the boundaries of Uganda. It is considered that it is defficult to form an estimation of the quantities and values of the annual production of fish from Uganda's waters and swamps. A part of Lake Edward produces more than 3,000 tons a year with a wholesale value of nearly $160,000; the northeast corner of Lake Albert has a production value of $100,000 a year and the fisheries of Lake Victoria and Lake Nyanza have a production value of $200,000. In addition to these fisheries, there are a large number of smaller ones in lakes, rivers and swamps. It is considered that under a full development of the fisheries resourcesx, production ought to increase at least several fold. In addition to these fisheries, a fish-farming industry utilizing ponds could produce up to 180 kg. per hectare (2). About 9,000 tons of fresh fish are landed annually from the Uganda waters; the total value of this catch is about $736,000 (3)~

The native fishermen are using fishing craft consisting of dug-out and plank-built canoes suited to the local conditions of the lakes and rivers (2). Rafts are made of various kinds of material, depending upon the flora available to the fishing tribes. These primitive craft, despite the improved construction of the lake, canoes have a severely restricted radius of operations and are restricted to the inshore areas of the lakes. The gear consists of flax fishing nets of which Uganda uses about 80,000 per year. most of these nets are imported from Great Britain. A few nets are made locally from cotton thread. The development of the flax industry in the Kigezo district and

in Kenya might result in the local manufacture of the fishing nets consumed in East Africa. In such a net-making industry, supervised by the Government, steps can be taken to control the mesh sizes so as to protect immature fish (2). In addition to these nets, the fishermen also weave baskets and basket-traps. In lake Albert, several freshwater species are encountered: Nile Perch (Lates albertanus), Small Tiger-fish (Hydrocyon forskalii), Mpoi (Citherinus citherus), Wahrindi (Synodontis schal), Cat-fish or mud-fish (Clarias mossambicus), Cat-fish (Bagrus docmac), and Elephant-snout fish (Mormyrus caschive). The most important species belongs to the Cichlidae; it is called ngege (Tilapia nilotica). The absence of the Nile perch and the Tiger fish in Lakes Victoria and Nyanza changes the whole faunal structure (3).

Dried fish is disposed of in the Uganda markets. A new industry is being developed in the expanding crocodile fisheries around the shores of Lake Kyoga which will be of great benefit, not merely in the income derived from the sale of crocodile skins, but also in the eradication of these reptiles, thereby clearing crocodile-infested waters for the fishing industry (2).

A large number of dams have been constructed in recent years by the Geological Department and the Game Department has stocked many of these with the indigenous Tilapia, and some with the Blue Gill of North America (1).

During the year some sailing boats of an extremely simple and effective design, which can be built by any moderately capable wood-worker, were introduced to the Baganda fishing community of Lake Victoria from a neighboring territory. It is hoped that the presence of these boats with their skilled crews may wean local fisherfolk from their intense devotion to their own craft, the Sese canoe, which is, in some respects. impracticable. An industry which has survived the handicap of such vessels can surely rise to great heights of prosperity if properly equipped (1).

The Game Warden is assisted by a Fisheries Officer and 30 African fish guards (3). Attention is being given to illegal fishing, dangers of depleting the fish stocks by over-fishing, and to the collection of statistics.

SOURCES: (1) Colonial Office, Annual Report on Uganda for the Year 1946. His Majesty's Stationery Office, London, 1948.
(2) E.B. Worthington, A development Plan for Uganda, Protectorate Government Press at Entebbe, 1947.

Table 49. - Mexico: Imports, 1931-1946

Q = Quantities * in Metric Quintals (100 kg.)
V = Values in Thousands of Pesos

Tableau 49. - Mexique: Importations, 1931-1946

Q = Quantités * en quintaux métriques (100 kg.)
V = Valeurs en milliers de pesos

Items		1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946		Articles	
FISH - FRESH OR FROZEN:	Q	247	187	168	78	97	72	182	141	118	103	143	25	3	ø	4	211	Q	POISSONS - FRAIS OU CONGELES:	
	V	14	14	13	8	7	5	18	14	11	10	14	2	ø	ø	1	26	V		
1. Sardines, fresh a/	Q	-	-	-	-	-	-	-	-	-	32	18	3	-	-	-	-	Q	Sardines, fraîches a/	1.
	V	-	-	-	-	-	-	-	-	-	5	2	ø	-	-	-	-	V		
2. Fish, fresh a/	Q	247	187	168	78	97	72	182	141	118	71	125	22	3	ø	-	211	Q	Poissons, frais a/	2.
	V	14	14	13	8	7	5	18	14	11	5	12	2	ø	ø	1	26	V		
FISH - DRIED, SALTED OR SMOKED:	Q	3,357	4,270	3,028	3,585	3,722	4,376	3,485	3,938	4,352	2,818	2,309	1,411	1,611	705	1,710	6,374	Q	POISSONS - SECS, SALES OU FUMES:	
	V	196	235	184	248	255	302	269	377	433	359	361	309	292	129	355	2,108	V		
3. Cod, dried, salted or smoked b/	Q	2,966	3,958	2,658	3,205	3,312	3,793	2,985	3,526	3,947	2,452	1,916	1,244	933	420	1 004	6,040	Q	Morue, sèche, salée ou fumée b/	3.
	V	171	218	163	224	221	256	223	339	391	319	320	290	262	97	256	2,048	V		
4. Fish, dried, salted or smoked c/	Q	391	312	370	380	410	583	500	412	405	366	393	167	228	285	706	334	Q	Poissons secs, salés ou fumés c/	4.
	V	25	17	21	24	34	46	41	38	42	40	41	19	30	32	99	60	V		
FISH - CANNED:	Q	8,402	8,794	5,990	5,056	8,837	5,107	7,938	10,355	9,226	4,604	3,429	1,756	595	4,766	3,100	7,953	Q	POISSONS EN BOITE:	
	V	514	516	507	587	985	682	881	1,384	1,291	805	654	285	292	2,303	1,734	4,893	V		
5. Sardines d/	Q	-	-	-	-	-	-	-	2,415	5,752	2.975	2,064	1,388	466	2,450	1,526	4,025	Q	Sardines d/	5.
	V	-	-	-	-	-	-	-	291	667	434	360	202	227	1,406	793	2,370	V		
6. Salmon d/	Q	-	-	-	-	-	-	-	-	-	69	358	148	6	193	29	62	Q	Saumon d/	6.
	V	-	-	-	-	-	-	-	-	-	17	55	28	1	51	20	20	V		
7. Other fish e/	Q	8,376	8,778	5,961	5,026	8,793	5,042	7,890	7,903	3,444	1,527	930	166	90	2 109	1,485	3,747	Q	Autres poissons e/	7.
	V	504	508	484	565	955	633	843	1,055	598	327	210	27	44	811	843	2,301	V		
8. Caviar	Q	26	16	29	30	44	65	48	37	30	33	77	54	33	14	60	119	Q	Caviar	8.
	V	10	8	23	22	30	49	38	38	26	27	29	28	20	36	78	202	V		
CRUSTACEANS AND MOLLUSCS:	Q	520	396	262	216	182	231	565	126	62	508	656	79	129	1,237	760	1 520	Q	CRUSTACES ET MOLLUSQUES:	
	V	48	35	23	22	19	23	80	21	13	118	147	15	62	518	621	921	V		
9. Lobsters, fresh a/	Q	-	-	-	-	-	-	-	-	-	14	29	9	4	-	12	16	Q	Homards frais a/	9.
	V	-	-	-	-	-	-	-	-	-	1	3	ø	ø	-	1	2	V		
10. Lobsters, live	Q	-	-	-	-	-	-	-	-	-	2	ø	-	-	-	-	-	Q	Homards vivants	10.
	V	-	-	-	-	-	-	-	-	-	ø	ø	-	-	-	-	-	V		
11. Crustaceans, live f/	Q	29	24	4	18	10	21	6	25	8	20	22	11	17	28	10	27	Q	Crustacés vivants f/	11.
	V	1	1	ø	1	1	1	ø	3	2	3	4	2	3	2	1	3	V		
12. Shrimps, dried or salted	Q	70	44	20	39	24	15	21	27	ø	8	23	7	ø	27	4	1	Q	Crevettes sèches ou salées	12.
	V	7	5	3	5	3	2	2	4	ø	1	5	2	ø	16	3	ø	V		
13. Shrimps, preserved g/	Q	57	63	44	11	17	27	378	12	8	4	7	1	3	-	1	54	Q	Crevettes en conserve g/	13.
	V	7	7	5	2	2	4	59	2	1	1	1	ø	1	-	ø	6	V		
14. Oysters, live in shell	Q	4	3	12	7	6	2	20	-	ø	ø	ø	ø	-	-	-	-	Q	Huîtres vivantes en coquilles	14.
	V	ø	ø	ø	ø	ø	ø	1	-	2	ø	ø	ø	-	-	-	-	V		
15. Oysters, large h/	Q	206	106	54	33	32	56	59	36	15	28	55	5	1	ø	-	1	Q	Huîtres, grandes h/	15.
	V	21	8	5	4	5	7	8	7	4	6	9	1	ø	ø	-	ø	V		
16. Shellfish, fresh	Q	154	156	128	108	93	110	81	26	31	20	34	11	6	-	1	228	Q	Coquillages frais	16.
	V	12	14	10	10	8	9	10	5	4	3	4	2	1	-	ø	27	V		

18. Shellfish, preserved	Q	-	-	-	-	-	-	-	-	-	390	456	26	98	1,069	732	1,193	Q	Coquillages en conserve	18.
	V	-	-	-	-	-	-	-	-	-	99	113	6	57	489	616	883	V		
AQUATIC MAMMAL PRODUCTS:	Q	46	41	39	65	41	83	61	68	69	56	130	54	-	-	-	-	Q	PRODUITS DE MAMMIFERES AQUATIQUES:	
	V	3	4	4	10	6	9	8	13	11	13	31	16	-	-	-	-	V		
19. Spermaceti as wax	Q	46	41	39	65	41	83	61	68	69	56	130	54	-	-	-	-	Q	Cire de blanc de baleine ou	19.
	V	3	4	4	10	6	9	8	13	11	13	31	16	-	-	-	-	V	de cachalot	
20. Whalebone, rough	Q	ø	-	-	ø	-	-	-	-	-	-	-	-	-	-	-	-	Q	Fanons de baleine bruts	20.
	V	ø	ø	-	ø	-	-	-	-	-	-	-	-	-	-	-	-	V		
21. Manufactures of whalebone	Q	ø	ø	ø	ø	ø	-	ø	-	-	ø	-	-	-	-	-	-	Q	Articles en fanon de baleine	21.
	V	ø	ø	ø	ø	ø	-	ø	ø	-	ø	-	-	-	-	-	-	V		
MISCELLANEOUS AQUATIC PRODUCTS:	Q	79	71	296	308	151	312	306	300	246	561	96	6	ø	1	9	3	Q	DIVERS PRODUITS AQUATIQUES:	
	V	43	13	38	45	40	90	80	79	98	57	56	11	7	13	72	32	V		
22. Pearls, loose	Q	3	-	3	6	1	3	5	13	5	6	4	1	-	-	-	-	Q	Perles detachées	22.
	V	9	-	5	6	3	2	3	5	4	1	2	1	-	-	-	-	V		
23. Mother of pearl i/	Q	42	64	283	296	137	286	277	276	222	530	80	4	-	-	-	-	Q	Nacre i/	23.
	V	2	4	25	27	19	38	29	37	32	15	7	ø	-	-	-	-	V		
24. Mother of pearl for buttons, shell for disks i/	Q	ø	ø	ø	-	4	14	-	-	-	-	-	-	-	-	-	-	Q	Boutons en nacre, disques en coquilles i/	24.
	V	ø	ø	ø	-	4	9	-	-	-	-	-	-	-	-	-	-	V		
25. Manufactures of mother of pearl shells	Q	24	3	3	3	5	7	11	7	12	8	5	1	-	-	-	-	Q	Articles en coquilles de nacre	25.
	V	25	5	4	6	10	33	34	24	33	16	17	5	-	-	-	-	V		
26. Turtle shells i/	Q	ø	-	ø	ø	-	-	-	-	-	-	-	-	-	-	-	-	Q	Ecailles de tortues i/	26.
	V	ø	-	ø	ø	-	-	-	-	-	-	-	-	-	-	-	-	V		
27. Manufactures of turtle shells	Q	ø	-	ø	ø	-	ø	2	ø	ø	ø	-	-	-	-	-	-	Q	Articles en écailles de tortues	27.
	V	ø	ø	ø	ø	ø	1	2	ø	1	ø	-	-	-	-	-	-	V		
28. Sponges, coarse	Q	8	3	6	2	3	2	7	2	3	10	2	ø	ø	1	9	2	Q	Eponges, brutes	28.
	V	3	2	2	3	2	3	4	7	11	4	3	1	5	8	47	19	V		
29. Sponges, prepared	Q	1	1	1	ø	ø	ø	1	ø	ø	ø	ø	ø	ø	ø	ø	1	Q	Eponges préparées	29.
	V	2	2	2	2	1	3	4	1	5	2	6	2	2	5	25	13	V		
30. Coral, crude i/	Q	ø	ø	-	-	-	-	ø	-	-	-	ø	-	...	...	...	...	Q	Corail brut i/	30.
	V	ø	ø	-	-	-	-	ø	-	-	-	ø	-	...	...	...	...	V		
31. Manufactures of coral	Q	1	ø	ø	1	1	ø	3	2	4	7	5	ø	-	-	-	-	Q	Articles en corail	31.
	V	2	ø	ø	1	1	1	4	5	12	19	21	2	-	-	-	-	V		

Source: Data converted from data contained in Annuario Estadistico del Comercio Exterior de los Estados Unidos Mexicanos, Mexico, D.F.

ø Gross weight.

a/ Listed as fresh or refrigerated, 1940-1942.
b/ Listed as packed in any sort of container.
c/ Including some crustaceans and molluscs.
d/ Weight with containers, up to 5 kilos.
e/ In 1931, 1932, 1933, and 1936 listed as including other unspecified preserved food, including some crustaceans and molluscs. After 1940, data are for preserved fish.
f/ Including some fish. In 1941, 1942 and 1944 including some molluscs.
g/ In jars or cans.
h/ In shells, prepared or unprepared; not in shells, 1940-1942.
i/ Powdered, polished, or in bits.
j/ Shells for buttons.

Source: Chiffres convertis d'après ceux contenus dans Anuario estadistico del comercio exterior de los Estados Unidos Mexicanos, Mexico, D.F.

ø Poids brut.

a/ Indiqués comme frais ou congelés, 1940-1942.
b/ Indiqués en emballages divers.
c/ Comprend quelques crustacés et mollusques.
d/ Avec emballages, poids jusqu'à 5 kilos
e/ En 1931, 1932, 1933 et 1936 la source indiquée par ce chiffre comprend une quantité non spécifiée de produits alimentaires conservés, y compris crustacés et mollusques. A partir de 1940 les données se rapportent uniquement aux poissons conservés.
f/ Y compris des poissons, En 1941, 1942 et 1944 y compris des mollusques.
g/ En bocaux ou boîtes en fer blanc.
h/ En coquilles, traitées ou non; pas en coquilles pour les années 1940-1942.
i/ Pulvérisé, poli ou en morceaux.
j/ Coquilles pour boutons.

Table 50. - Mexico: Exports, 1931-1946

Q = Quantities in Metric Quintals * (100 kg.)
V = Values in Thousands of Pesos

Tableau 50. - Mexique: Exportations, 1931-1946

Q = Quantités en quintaux métriques*(100 kg.)
V = Valeurs en milliers de pesos

Items		1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946		Articles	
FISH - FRESH OR FROZEN: TOTAL	Q	22,569	25,397	43,311	74,871	50,313	48,059	47,489	55,263	264,572	256,939	295,208	273,358	286,639	339,832	545,056	673,150	Q	TOTAL: POISSONS - FRAIS OU CONGELES	
	V	517	488	1,187	2,014	1,096	925	990	1,214	12,626	12,205	16,491	23,912	29,459	35,108	60,273	65,950	V		
1. Tuna a/	Q	-	-	-	13,838	12,771	3,334	-	2,145	159,593	114,103	131,241	105,015	117,838	198,110	290,363	416,498	Q	Thon a/	1.
	V	-	-	-	481	400	87	-	71	8,702	6,469	8,664	10,614	12,858	21,038	29,412	37,552	V		
2. Porgy a/	Q	-	-	-	-	-	-	-	-	-	103	-	4,588	1,061	2,405	1,413	814	Q	"Porgy" a/	2.
	V	-	-	-	-	-	-	-	-	-	3	-	435	70	170	90	63	V		
3. Snook a/	Q	-	-	-	-	-	-	-	-	-	121	317	356	2,085	771	1,698	353	Q	"Snook" a/	3.
	V	-	-	-	-	-	-	-	-	-	8	11	15	152	76	158	27	V		
4. Shark a/	Q	-	-	-	-	-	-	-	-	-	8	-	10	412	220	146	494	Q	Requin a/	4.
	V	-	-	-	-	-	-	-	-	-	ø	-	ø	12	12	8	31	V		
5. Croaker (Totoaba) a/	Q	-	-	-	-	-	-	-	-	-	11,846	13,926	18,572	12,555	15,096	13,692	12,326	Q	"Croaker" (Totoaba) a/	5.
	V	-	-	-	-	-	-	-	-	-	272	413	921	750	1,330	1,013	968	V		
6. Fish, live b/	Q	36	1,695	8,954	52	6	15	1	-	9	26	1	-	-	-	-	-	Q	Poissons, vivants b/	6.
	V	1	42	301	1	ø	ø	ø	-	ø	ø	ø	-	-	-	-	-	V		
7. Fish, fresh	Q	c/22,533	c/23,702	34,357	60,981	37,536	44,710	47,488	53,118	104,970	130,732	149,723	144,816	152,688	123,230	237,744	242,665	Q	Poissons, frais	7.
	V	516	446	886	1,532	696	838	990	1,143	3,924	5,453	7,403	11,927	15,617	12,482	29,592	27,309	V		
8. Fish fillets d/	Q	-	-	-	-	-	-	-	-	-	-	-	1	...	...	...	...	Q	Filets de poissons d/	8.
	V	-	-	-	-	-	-	-	-	-	-	-	ø	...	...	...	...	V		
FISH - DRIED, SALTED, OR SMOKED: TOTAL	Q	1,319	854	1,234	869	782	846	651	1,179	1,411	803	520	525	1,030	1,026	923	403	Q	TOTAL: POISSONS, SECS, SALES OU FUMES	
	V	58	24	34	24	19	19	16	47	82	21	12	18	118	102	63	39	V		
9. Cod e/	Q	-	-	-	-	-	-	-	-	-	-	1	ø	10	-	5	ø	Q	Morue e/	9.
	V	-	-	-	-	-	-	-	-	-	-	ø	ø	2	-	1	ø	V		
10. Fish, salted, smoked c/	Q	1,319	854	1,234	869	782	846	651	1,179	1,411	803	519	525	1,020	1,026	918	403	Q	Poissons, salés, fumés c/	10.
	V	58	24	34	24	19	19	16	47	82	21	12	18	116	102	62	39	V		
FISH - CANNED: TOTAL	Q	19,883	8,505	9,023	12,824	17,254	11,842	22,904	15,336	17,889	1,514	355	671	-	-	-	-	Q	TOTAL: POISSONS EN BOITE	
	V	821	418	602	742	927	1,175	1,667	1,445	1,716	146	48	160	-	-	-	-	V		
11. Sardines f/	Q	-	-	-	-	-	-	-	-	-	1	-	ø	...	...	...	...	Q	Sardines f/	11.
	V	-	-	-	-	-	-	-	-	-	ø	-	ø	...	...	...	...	V		
12. Tuna	Q	-	-	-	-	-	-	-	-	557	f/1,507	f/211	f/323	-	-	-	-	Q	Thon	12.
	V	-	-	-	-	-	-	-	-	53	145	23	85	-	-	-	-	V		
13. Other fish c/f/	Q	19,883	8,505	9,023	12,824	17,254	11,842	22,904	15,336	17,332	6	144	348	-	-	-	-	Q	Autres poissons c/f/	13.
	V	821	418	602	742	927	1,175	1,667	1,445	1,663	1	25	75	-	-	-	-	V		
CRUSTACEANS AND MOLLUSCS: TOTAL	Q	7,077	7,393	5,333	8,587	13,099	12,977	28,535	37,196	41,639	63,874	34,562	37,236	40,631	40,203	50,298	62,574	Q	TOTAL: CRUSTACES ET MOLLUSQUES	
	V	283	384	266	359	586	504	791	1,011	1,072	3,379	3,030	2,313	2,121	2,519	3,064	7,046	V		
14. Lobsters, live	Q	947	2,902	2,536	3,949	2,362	4,068	4,282	5,119	4,407	3,446	6,448	5,634	-	-	-	-	Q	Homards, vivants	14.
	V	62	220	164	172	139	137	144	207	202	156	298	281	-	-	-	-	V		
15. Lobsters, fresh g/	Q	1,415	73	27	78	621	233	21	4	289	1,922	1,643	-	1,944	2,664	3,170	78	Q	Homards, frais g/	15.
	V	89	2	1	3	33	8	1	ø	15	131	75	-	293	659	442	28	V		
16. Shrimp, fresh, raw	Q	1,660	1,210	20	2,032	8,048	7,256	23,099	30,786	35,572	40,517	13,367	25,609	38,460	37,177	46,854	61,779	Q	Crevettes fraiches, crues	16.
	V	19	23	ø	43	279	255	564	692	734	1,302	940	1,234	1,800	1,744	2,520	6,895	V		

shell	V	33	8	17	12	9	12	21	16	9	16	6	3	1	ø	-	90	V	coquille	
20. Lobsters, canned f/	Q	-	-	-	-	-	-	-	-	-	-	9	-	...	...	...	...	Q	Homards en boîte f/	20.
	V	-	-	-	-	-	-	-	-	-	-	1	-	...	...	...	...	V		
21. Shrimp, cooked i/	Q	2	ø	-	ø	18	-	-	2	2	-	2	-	-	-	6	22	Q	Crevettes, cuites i/	21.
	V	ø	ø	-	ø	1	-	-	ø	ø	-	ø	-	-	-	1	2	V		
22. Shrimp, canned i/	Q	-	ø	-	-	ø	ø	ø	-	ø	f/ø	f/1	f/184	...	...	...	...	Q	Crevettes en boîte i/	22.
	V	-	ø	-	-	ø	ø	ø	-	ø	ø	ø	34	...	...	...	...	V		
23. Molluscs, fresh h/	Q	-	-	-	-	-	-	-	-	-	8	-	-	60	5	22	53	Q	Mollusques, frais h/	23.
	V	-	-	-	-	-	-	-	-	-	ø	-	-	1	ø	9	18	V		
24. Abalone, fresh k/	Q	-	-	-	-	-	-	-	-	-	-	ø	1	-	-	-	-	Q	Ormier, frais k/	24.
	V	-	-	-	-	-	-	-	-	-	-	ø	ø	-	-	-	-	V		
25. Abalone, canned f/	Q	-	-	-	-	-	-	-	-	-	17,145	12,484	5,520	-	-	-	-	Q	Ormier en boîte f/	25.
	V	-	-	-	-	-	-	-	-	-	1,738	1,666	716	-	-	-	-	V		
26. Cuttlefish l/	Q	-	-	-	-	-	-	-	-	-	147	193	56	1	-	-	-	Q	Seiches l/	26.
	V	-	-	-	-	-	-	-	-	-	12	23	6	ø	-	-	-	V		
27. Large oysters, live m/	Q	13	206	19	14	16	30	16	34	2	1	1	-	-	-	-	-	Q	Huîtres grandes, vivantes m/	27.
	V	ø	1	ø	ø	ø	ø	ø	ø	ø	ø	ø	-	-	-	-	-	V		
28. Snails l/	Q	-	-	-	-	-	-	-	-	-	-	ø	-	-	5	-	-	Q	Escargots l/	28.
	V	-	-	-	-	-	-	-	-	-	-	ø	-	-	1	-	-	V		
29. Large oysters, canned	Q	29	9	15	45	22	15	10	30	5	f/6	f/226	f/11	...	...	...	...	Q	Huîtres grandes en boîtes	29.
	V	1	ø	1	2	1	1	1	3	1	ø	11	2	...	...	...	...	V		
30. Other molluscs and crustaceans, fresh	Q	-	-	826	148	136	282	53	5	111	-	-	-	-	-	-	-	Q	Autres mollusques et coquillages, frais	30.
	V	-	-	10	4	3	7	1	ø	2	-	-	-	-	-	-	-	V		
OTHER EDIBLE AQUATIC PRODUCTS: TOTAL	Q	693	338	111	262	179	237	161	68	442	861	5	107	-	-	-	-	Q	TOTAL: AUTRES PRODUITS COMESTIBLES AQUATIQUES	
	V	12	6	3	9	6	6	4	5	16	9	ø	2	-	-	-	-	V		
31. Fish roe, fresh or dried n/	Q	22	24	26	68	17	19	10	13	53	8	1	3	-	-	-	-	Q	Oeufs de poissons, frais ou secs n/	31.
	V	3	2	2	7	4	4	3	4	11	1	ø	1	-	-	-	-	V		
32. Turtles, live o/	Q	671	314	85	193	162	218	151	55	389	853	4	104	...	...	...	...	Q	Tortues, vivantes o/	32.
	V	9	4	1	2	2	2	1	1	5	8	ø	1	...	...	...	...	V		
33. Turtle eggs	Q	-	ø	-	1	-	-	-	ø	ø	-	-	-	-	-	-	-	Q	Oeufs de tortues	33.
	V	-	ø	-	ø	-	-	-	ø	ø	-	-	-	-	-	-	-	V		
FISH MEAL AND FERTILIZER: TOTAL	Q	1,153	1,560	1,683	4,386	2,811	3,588	1,818	200	3,630	-	-	-	...	...	...	...	Q	TOTAL: FARINES ET ENGRAIS DE POISSONS	
	V	4	6	11	22	12	10	11	1	57	-	-	-	...	...	...	...	V		
34. Fish waste for fertilizer o/	Q	1,153	1,560	1,683	4,386	2,811	3,588	1,818	200	3,630	-	-	-	...	...	...	...	Q	Rebut de poissons comme engrais o/	34.
	V	4	6	11	22	12	10	11	1	57	-	-	-	...	...	...	...	V		
AQUATIC MAMMAL PRODUCTS: TOTAL	Q	-	-	-	-	-	-	-	ø	-	3	2	20	ø	-	1	1	Q	TOTAL: PRODUITS DE MAMMIFERES AQUATIQUES	
	V	-	-	-	-	-	-	-	ø	-	ø	ø	1	ø	-	ø	ø	V		
35. Whale oil	Q	-	-	-	-	-	-	-	-	-	ø	-	19	...	...	...	...	Q	Huile de baleine	35.
	V	-	-	-	-	-	-	-	-	-	ø	-	1	...	...	...	...	V		
36. Cetaceans scraps	Q	-	-	-	-	-	-	-	-	-	3	2	1	ø	-	1	1	Q	Déchets de cétacés	36.
	V	-	-	-	-	-	-	-	-	-	ø	ø	ø	ø	-	ø	ø	V		
37. Whalebone	Q	-	-	-	-	-	-	-	ø	-	-	-	-	-	-	-	-	Q	Fanons de baleine	37.
	V	-	-	-	-	-	-	-	ø	-	-	-	-	-	-	-	-	V		

Table 50. - Mexico: Exports, 1931-1946 (Concluded)

Tableau 50. - Mexique: Exportations, 1931-1946 (Fin)

Items		1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946		Articles	
MISCELLANEOUS AQUATIC PRODUCTS: TOTAL	V	115	109	80	136	189	201	156	224	157	207	458	2,396	148	202	416	288	V	AQUATIQUES TOTAL: DIVERS PRODUITS	
38. Fish maw	Q	208	106	109	147	172	186	154	127	112	83	87	91	118	58	79	73	Q	Vessies natatoires de poissons	38.
	V	17	9	7	11	14	15	17	13	8	11	5	7	10	10	33	38	V		
39. Fish offal	Q	-	-	-	-	-	-	-	-	-	457	1	20	44	882	722	1,320	Q	Rebut de poisson	39.
	V	-	-	-	-	-	-	-	-	-	10	ø	1	4	25	22	35	V		
40. Fish liver offal	Q	-	-	-	-	-	-	-	-	-	603	1,732	6,580	...	...	...	...	Q	Rebut de foie de poisson	40.
	V	-	-	-	-	-	-	-	-	-	45	304	2,181	...	...	...	...	V		
41. Seal and shark skins p/	Q	370	695	392	589	754	605	627	1,248	926	516	262	312	...	...	...	...	Q	Peaux de phoques et de requin p/	41.
	V	18	36	29	35	46	33	30	72	41	49	24	23	...	...	...	...	V		
42. Shark or other fish fins j/q/	Q	234	346	183	308	302	289	327	291	451	511	709	1,243	915	846	700	501	Q	Nageoires de requins ou d'autres poissons j/q/	42.
	V	29	52	24	47	48	39	57	56	58	75	120	180	133	164	360	215	V		
43. Pearls, refined or unrefined j/	Q	1	1	3	6	15	32	12	13	2	-	17	ø	...	...	...	...	Q	Perles, cultivées ou non j/	43.
	V	18	3	5	16	44	90	23	42	4	-	1	2	...	...	...	...	V		
44. Mother of pearl shells (River) j/	Q	38	182	ø	1	35	ø	ø	ø	ø	ø	-	...	...	...	...	...	Q	Coquilles de nacre (rivière) j/	44.
	V	2	1	ø	ø	ø	ø	ø	ø	ø	ø	-	...	...	...	...	...	V		
45. Mother of pearl shells (Sea) j/	Q	635	353	334	575	740	613	865	911	1,416	209	21	...	...	...	...	...	Q	Coquilles de nacre (mer) j/	45.
	V	27	6	8	24	37	24	26	36	42	6	ø	...	...	...	...	...	V		
46. Mother of pearl, manufactured	Q	ø	ø	ø	ø	ø	ø	...	ø	6	ø	ø	1	...	...	...	...	Q	Nacre travaillée	46.
	V	ø	ø	1	ø	ø	ø	ø	ø	ø	ø	ø	2	...	...	...	...	V		
47. Turtle shells, crude	Q	ø	ø	ø	ø	-	-	ø	ø	1	-	-	...	...	...	...	...	Q	Ecailles de tortues brutes	47.
	V	ø	ø	ø	ø	-	-	ø	ø	ø	-	-	...	...	...	...	...	V		
48. Shells n/	Q	443	ø	589	168	6	45	184	357	156	436	475	...	...	...	...	...	Q	Coquilles n/	48.
	V	4	ø	4	3	ø	ø	2	3	2	5	3	...	...	...	...	...	V		
49. Manufactured turtle shells	Q	-	-	-	ø	ø	ø	1	ø	2	-	-	-	...	...	...	...	Q	Ecailles de tortues travaillées	49.
	V	-	-	-	ø	ø	ø	ø	ø	ø	-	-	-	...	...	...	...	V		
50. Manufactured snail shells and others	Q	-	-	-	1	ø	ø	2	ø	5	-	-	-	...	...	...	...	Q	Coquilles d'escargot et autres, travaillées	50.
	V	-	-	-	ø	ø	ø	1	ø	ø	-	-	-	...	...	...	...	V		
51. Sponges, natural	Q	ø	1	ø	-	-	-	-	ø	3	-	ø	...	-	-	ø	-	Q	Eponges, brutes	51.
	V	ø	ø	ø	-	-	-	-	ø	ø	-	ø	...	-	-	1	-	V		
52. Sponges, cleaned	Q	...	10	6	2	ø	-	-	-	15	2	1	ø	ø	ø	-	-	Q	Eponges, lavées	52.
	V	ø	1	1	ø	ø	-	-	-	1	ø	ø	ø	1	3	-	-	V		
53. Coral, crude	Q	-	-	-	15	-	-	-	-	-	1	-	-	...	...	...	...	Q	Corail, brutes	53.
	V	-	-	-	ø	-	-	-	-	-	ø	-	-	...	...	...	...	V		
54. Coral, manufactured	Q	ø	ø	ø	ø	ø	1	ø	4	1	11	ø	ø	...	...	...	...	Q	Corail, travaillé	54.
	V	ø	1	1	ø	ø	ø	ø	2	1	6	1	ø	...	...	...	...	V		

Source: Data converted from material contained in Anuario Estadistico del Comercio Exterior de los Estados Unidos Mexicanos, Mexico, D.F.

+ Gross weight.

a/ May include dried, salted, smoked or simply cooked fish. b/ Includes crustaceans and molluscs, 1931-1934; cetaceans, 1941. c/ Including crustaceans and molluscs. d/ Wrapped in hygienic paper. e/ Cure not specified; presumably salted. f/ In jars, bottles, or cans. g/ Including cooked lobsters, 1940-1941. h/ Including salted or simply cooked crustaceans. i/ Listed as fresh cooked, 1941-1942. j/ Net weight. k/ Also includes salted or simply cooked abalone. l/ Cure not specified. m/ Including shells. n/ Listed as dried in 1940 and 1941 only. o/ Includes turtles sold for shells, 1932 and 1939. p/ Untanned, raw or dried; figures for 1940-1942 represent shark only. q/ Shark fins

Source: Chiffres convertis d'après ceux contenus dans Anuario Estadistico del Comercio Exterior de los Estados Unidos Mexicanos, Mexico, D.F.

+ Poids brut.

a/ Peut comprendre poissons sèchés, salés, fumés ou simplement cuits. b/ Y compris crustacés et mollusques, 1931-1934; y compris cetacés 1941. c/ Y compris crustacés et mollusques. d/ Enveloppes dans des emballages sanitaires. e/ Traitement non spécifiés; probablement salés. f/ En bocaux, bouteilles ou boîtes. g/ Y compris homards cuits, 1940-1946. h/ Y compris crustacés salés ou simplement cuits. i/ Indiqués comme frais et cuits, 1941-1942. j/ Poids net. k/ Comprend également ormiers salés ou simplement cuits. l/ Traitement non spécifié. m/ Y compris coquilles. n/ Indiqués comme sèches en 1940 et 1941 seulement. o/ Y compris tortues vendues pour leurs écailles, 1932 et 1939.

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